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US EPA RECORDS CENTER REGION 5



545506

PRELIMINARY DRAFT REPORT

6/87

POTENTIALLY RESPONSIBLE PARTY (PRP) SEARCH
SOUTHEAST ROCKFORD SITE
ROCKFORD, ILLINOIS

United States Environmental Protection Agency
Technical Enforcement Support
at Hazardous Waste Site
TES IV

EPA Contract No. 68-01-7351
Subcontract No. 05-A005-5-87-0008
Work Assignment No. 190
Site Account Number 54 (TBD)

Bruce Pumphrey
U.S. EPA Region V
Primary Contact

P. 3704.020
June 1987



JACOBS ENGINEERING GROUP INC.
ENVIRONMENTAL SYSTEMS DIVISION

222 S. RIVERSIDE PLAZA - SUITE 1870 CHICAGO, ILLINOIS 60606

June 18, 1987

Mr. Fred Norling
TES IV Regional Contact
U.S. Environmental Protection Agency
Region V
230 South Dearborn Street
Chicago, IL 60604

Re: Contract No. 68-01-7351
Project No. 05-B190-00
Work Assignment No. 190
South East Rockford
Potentially Responsible Party Search
CERCLA, Region V

RECEIVED

JUN 18 1987

U.S. EPA, REGION V
WASTE MANAGEMENT DIVISION
HAZARDOUS WASTE ENFORCEMENT BRANCH

Dear Fred:

Please find submitted herewith seven copies of the Potentially Responsible Party Search Report for Southeast Rockford, Rockford, Illinois. Also included in this submittal is one copy of the appendix material supplied by the USEPA, a set of mailing labels and one data diskette.

If you have any questions or require additional information please feel free to contact me.

Sincerely,

Dean Geers
Regional Manager

DG/ecy

cc: B. Pumphrey

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SECTION 1: SUMMARY

The "Southeast Rockford" site (ID No. ILD981000417) consists of a primarily residential neighborhood located along the southern boundary of the city limits of Rockford, Illinois. The site itself, which is also referred to as the "contaminated area" in this report, measures nearly two square miles in size (A:2); the Potentially Responsible Parties (PRPs) identified during this preliminary investigation are drawn from an even larger area surrounding the site (see Section 4).

The contamination of groundwater in Southeast Rockford is considered a particularly acute threat to human health and the environment due to the significant number of private, and municipal, drinking water wells located in or near the contaminated area. Because a portion of the area lies outside the Rockford city limits (C:145), many residents draw their drinking water from private wells. Although the city has offered municipal water hookups to area residents, most have declined due to the costs involved, or because they are renting their residences (C:146). Many of these private wells have been found by the Illinois Department of Public Health (IDPH) to contain concentrations of chlorinated solvents. In 1985, a U.S. EPA Field Investigation Team (FIT) confirmed the volatile organic contamination of the groundwater in southeast Rockford and, in a summary of the investigation, characterized the contamination as "extensive." (A:2)

The U.S. Environmental Protection Agency, Region V, has requested contractor support in identifying individuals and business entities that may bear responsibility for the groundwater contamination in Southeast Rockford. Although the Illinois Environmental Protection Agency (IEPA) was not able to make its files on Southeast Rockford available to the U.S. EPA contractor in a timely manner, DPRA, a Jacobs subcontractor, was able to identify one hundred forty-eight facilities in, or near the contaminated area that may have handled hazardous materials such as those identified in

the drinking well samples. Twenty-four of these facilities were identified by an onsite industrial survey conducted by the PRP search contractor, with the remainder obtained as a result of a search through EPA's Hazardous Waste Data Management System (HWDMS). That search keyed on facilities situated in, or near the site that have previously notified U.S. EPA of hazardous waste related activities.

The Southeast Rockford PRP search is at this point incomplete. Files maintained by the Illinois EPA must be reviewed and analyzed. Through this effort, records of pollution problems stemming from any of the PRP facilities can be identified. Also, hazardous waste manifests and generator reports for each of the PRPs should be obtained to more clearly assess their waste management practices.

SECTION 2: INTRODUCTION

2.1 PROJECT BACKGROUND

The "Southeast Rockford," Illinois site (ID No. ILD981000417) consists of a primarily residential neighborhood located along the southern boundary of the Rockford, Illinois city limits. During the past several years, analyses of drinking water wells in the area have established that an extensive groundwater contamination problem exists at the site (A:2). The site itself, which is also referred to as the "contaminated area" in this report, measures nearly two square miles in area. The one hundred forty-eight Potentially Responsible Parties (PRPs) identified during this investigation are located not only within the contaminated area, but in the general vicinity as well (see Section 4).

Because the technical analyses have not identified a specific source or sources of the groundwater contamination, this preliminary report is not intended to assign responsibility. Rather, it provides EPA Region V with descriptions of facilities that may have handled the types of substances found in the groundwater samples. Because most of the PRP facilities are situated within two miles of the site, it is conceivable that some may have contributed to the contamination.

The S.E. Rockford site is located in the southeast portion of Winnebago County, in northwestern Illinois. The site is plotted on a Winnebago County road map in Figure 2-1. Greater detail is provided in Figure 2-2, which presents the approximate boundaries of the site on a Rockford city map. Throughout this project, the S.E. Rockford site boundaries have generally been considered Harrison Avenue to the north; 21st Street to the east; Sawyer Avenue to the south; and, 8th Street to the west. These boundaries were determined by the location of the private and municipal drinking water wells sampled by government agencies and their contractors during the past several years (A:20). Information relevant to the

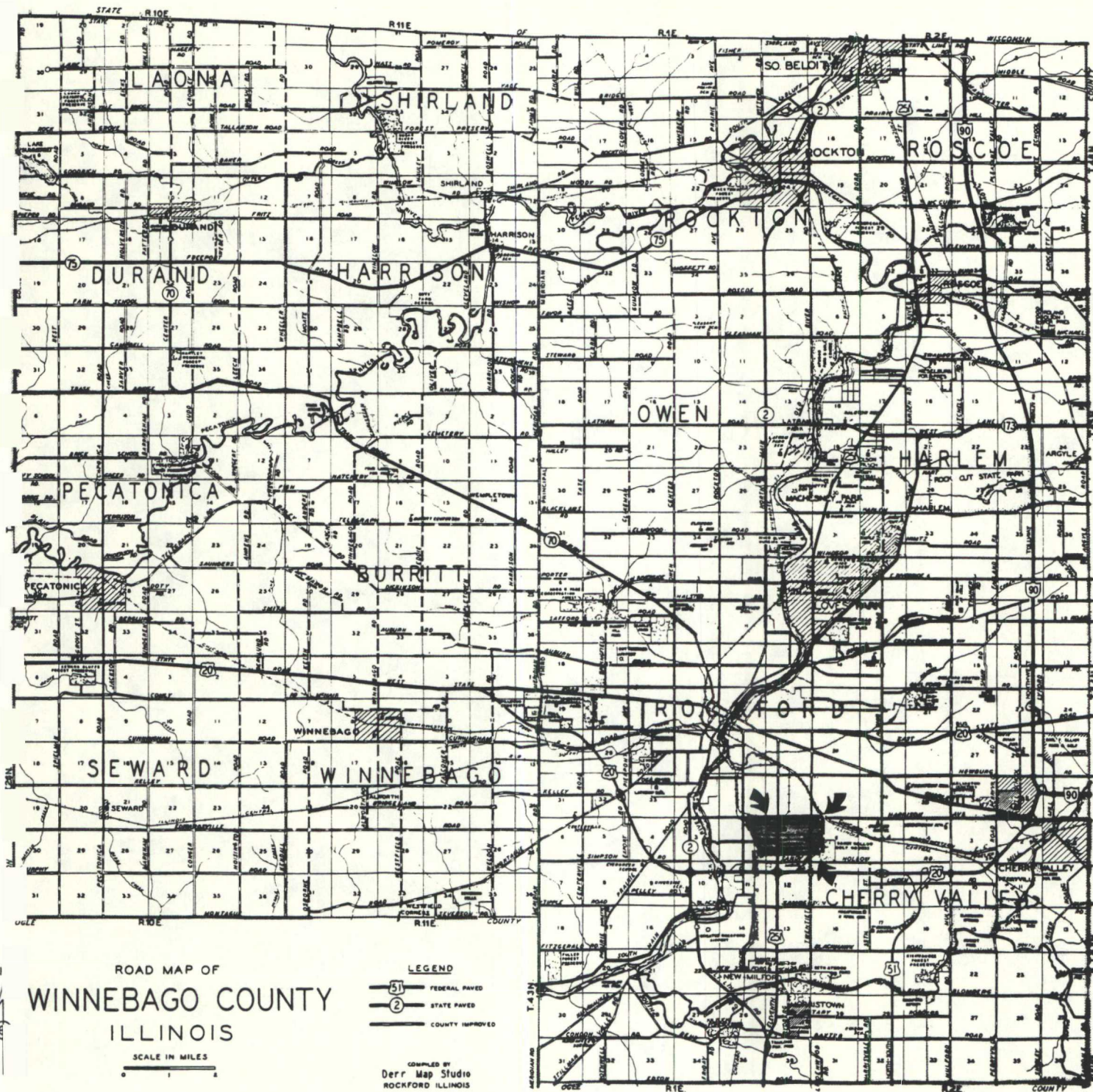


FIGURE 2-1. LOCATION OF SOUTHEAST ROCKFORD SITE ON COUNTY ROAD MAP

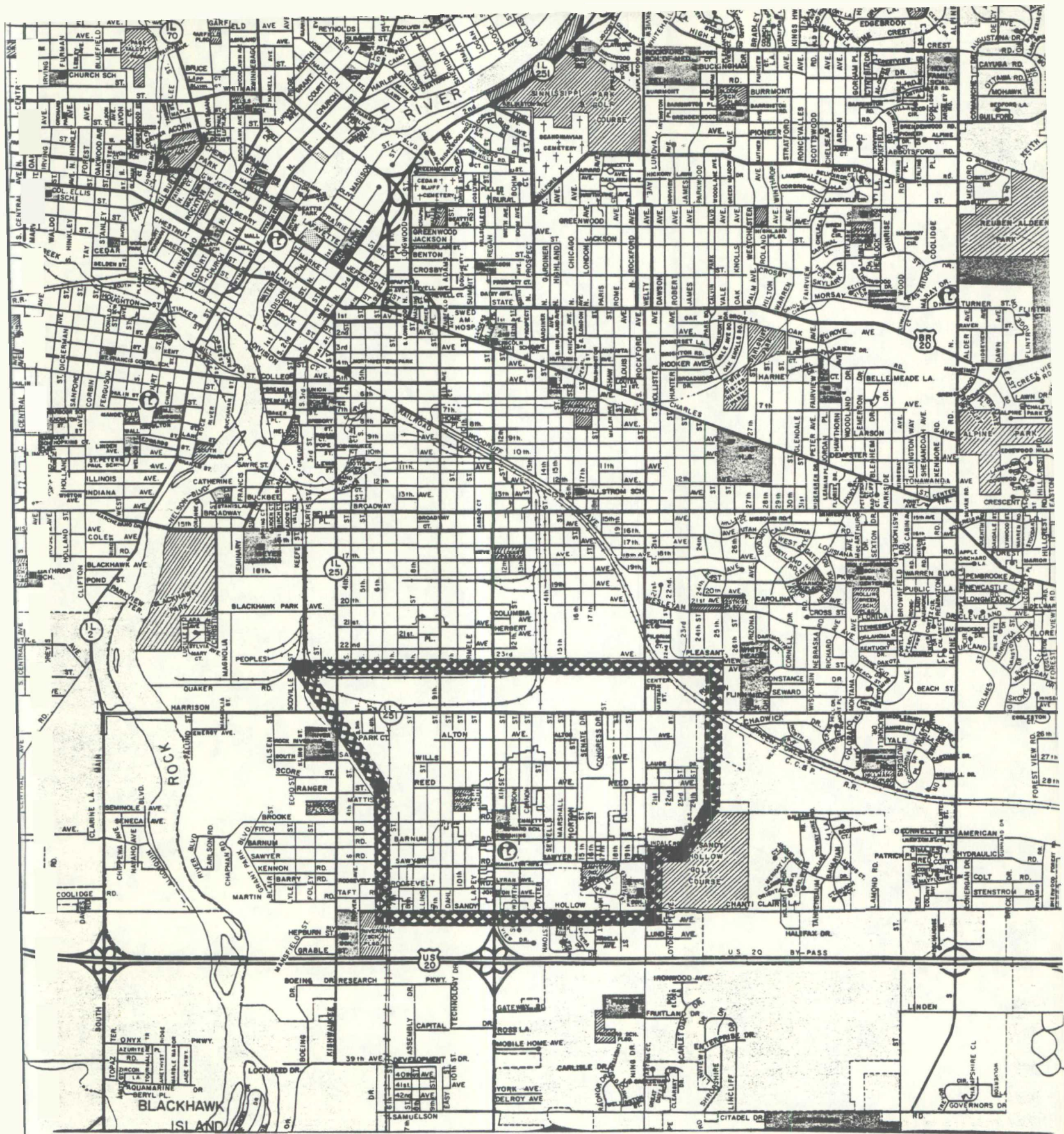
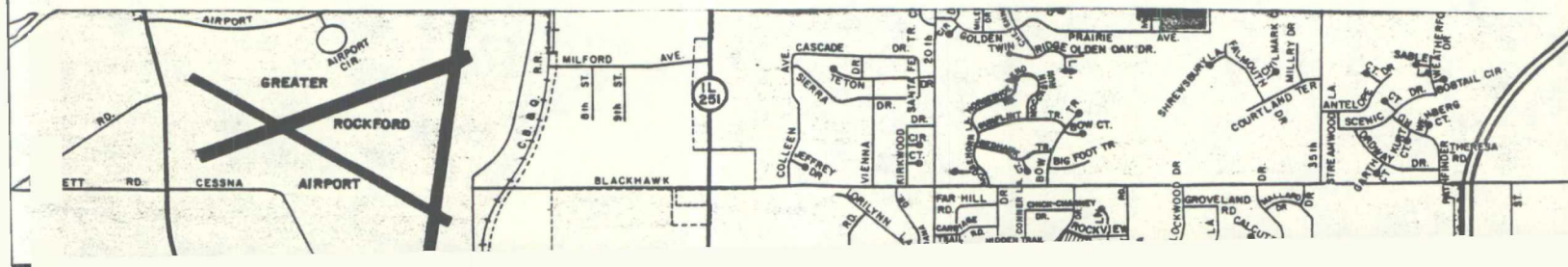


FIGURE 2-2. LOCATION OF SOUTHEAST ROCKFORD SITE ON CITY MAP



topography of the site is contained in Figure 2-3, which shows the S.E. Rockford contaminated area plotted on the Rockford South U.S. Geological Survey 7.5 minute topographic quadrangle map.

The contamination of groundwater in Southeast Rockford is considered a particularly acute threat to human health and the environment due to the significant number of private, and municipal drinking water wells located in, and near the contaminated area. In a January 1986 Site Inspection Report (Appendix A), the Ecology and Environment, Inc. (E&E) Field Investigation Team (FIT) noted that the Illinois Environmental Protection Agency (IEPA) first became aware of the contamination while investigating the illegal disposal of plating wastes in a dry well at 2613 South 11th Street, which is now within the boundaries of the S.E. Rockford site (A:2). That investigation included sampling several neighborhood wells to determine if contamination from the plating wastes had occurred. At that time, the sample results showed no detectable levels of metals or cyanides (common to plating wastes) above background, but did find high levels of chlorinated solvents. Based on these results, the Illinois Department of Public Health (IDPH) then conducted further sampling in the area and found that the contamination problem was quite extensive. As of January 1986, the IDPH had sampled approximately 100 private wells and found that the area of contaminated groundwater comprised approximately two square miles, thus defining the S.E. Rockford site boundaries. The IEPA submitted a Potential Hazardous Waste Site Preliminary Assessment to the U.S. EPA, and the site was assigned to the E&E FIT for a site inspection and subsequent Hazard Ranking System (HRS) scoring. (A:2)

The FIT collected samples from six private wells and from one municipal well in the contaminated area on November 6, 1985. Another municipal well offsite was sampled to serve as a background. Although previous sample results were available to the FIT from the IDPH, the wells were resampled both to verify the previous results of the volatile organics analyses and to analyze for a broad range of priority pollutants. The locations of the wells sampled by IDPH and the nine sampled by the FIT are shown on Figure 2-4.

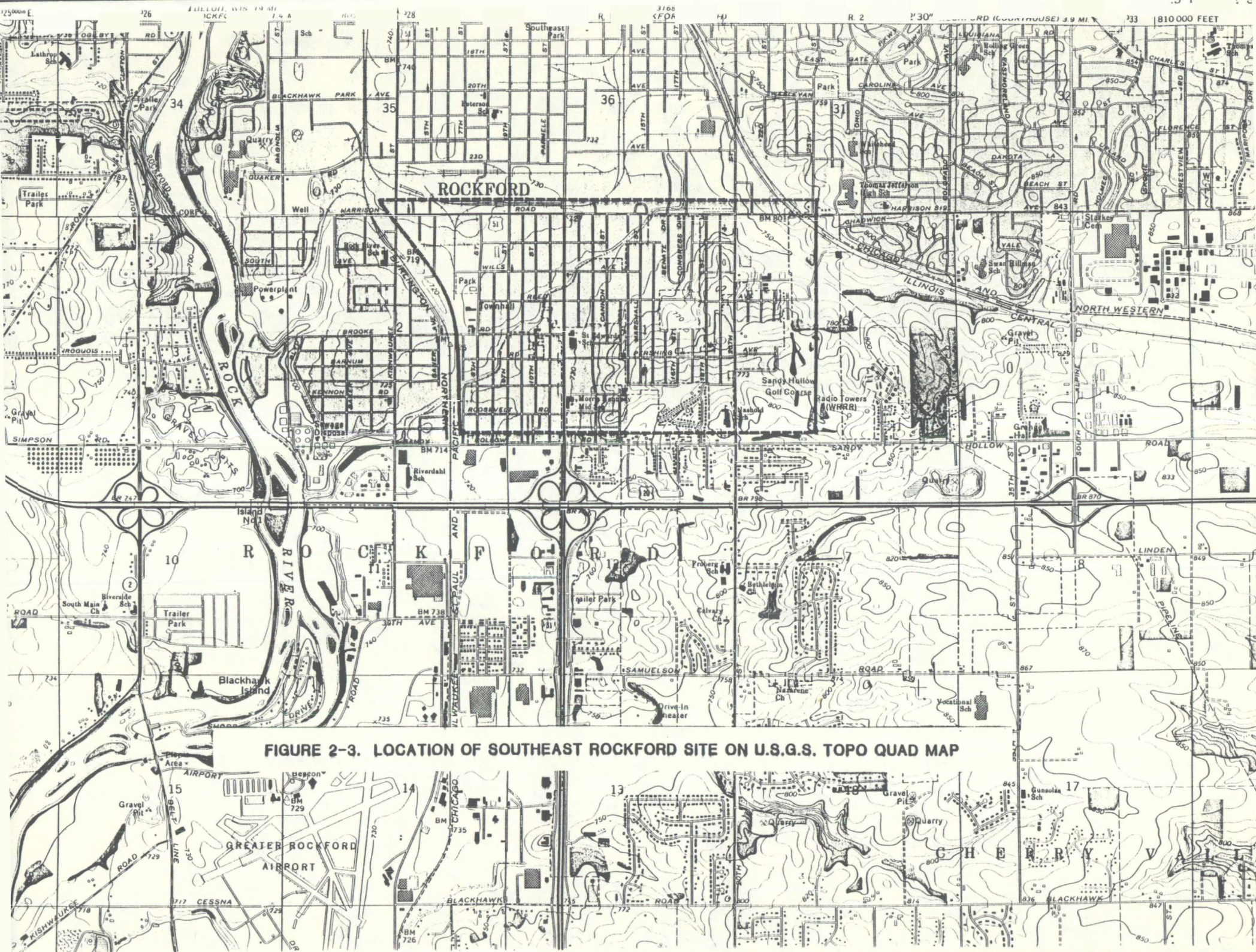


FIGURE 2-3. LOCATION OF SOUTHEAST ROCKFORD SITE ON U.S.G.S. TOPO QUAD MAP

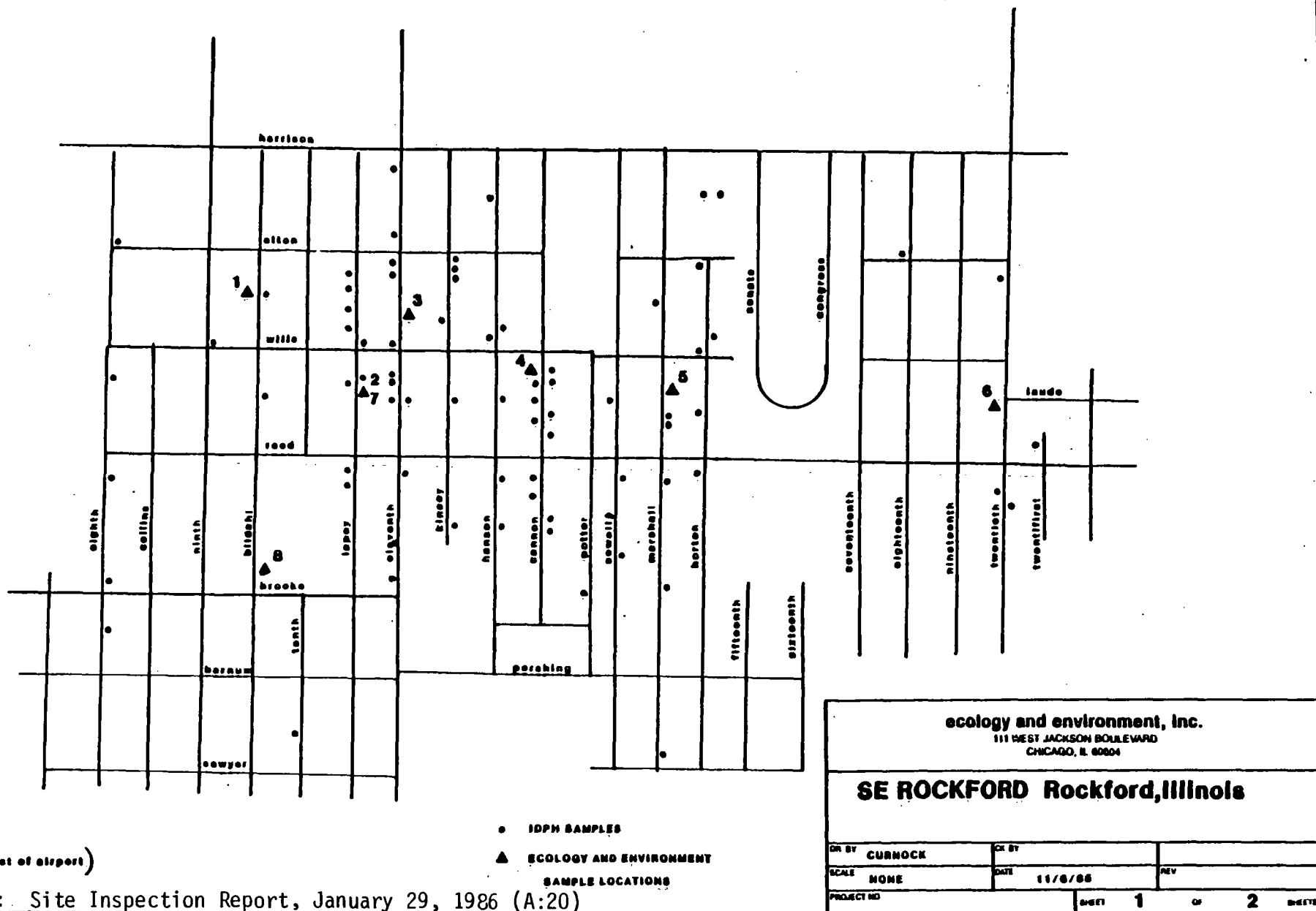


FIGURE 2-4. LOCATION OF DRINKING WATER WELLS SAMPLED BY IDPH AND U.S. EPA/FIT

The FIT chose the six sample locations for the private residential well samples to cover the entire known area of contamination. A total of seven wells were tested, but RW-7 is a duplicate of the RW-2 (A:4). One municipal well sample was collected from Municipal Well No. 35, located in Ken Rock Playground near the center of the known contaminated area. This well is currently on standby due to volatile organic contamination. The other municipal well sample was collected from Municipal Well No. 28, west of the airport. That well had no history of contamination problems, and the sample was to serve as a background sample for the suspected contaminated well at Ken Rock Playground. (A:3)

The sample results presented below verified the extent of the volatile organic contamination. Also, inorganic contamination (chromium and lead) was detected in one of the private wells (RW-1) and at Municipal Well No. 35 (MW-8). A summary of the results is as follows:

Source of Sample

<u>Compound</u>	<u>RW-1</u>	<u>RW-2</u>	<u>RW-3</u>	<u>RW-4</u>	<u>RW-5</u>	<u>RW-6</u>	<u>RW-7</u>	<u>MW-8</u>	<u>MW-9</u>
1,1, dichloroethane	34	30	36	44	55	100	27	U	U
1,1,1 trichloroethane	99	74	130	150	120	190	63	U	U
Trichloroethene	25	17	33	39	41	74	16	0.6	U
Trans 1,2-dichloro-ethene	29	23	34	42	50	100	20	U	U
Aroclor 1221	U	U	0.081	U	U	U	U	U	U
Tetrachloroethene	U	U	U	0.9	2.4	12	U	U	U
Chromium	418	U	U	U	U	U	U	58	U
LEAD	U	U	U	U	U	U	U	11.8	U

(All results in ug/l. "U" = not detected. Source: A:3)

Based on these sample results, which confirmed earlier findings, the FIT characterized the groundwater contamination problem as extensive. Although area residents are aware of problems with their well water, they continue to decline the city's offer to hook up to the municipal water supply system, due in large measure to the costs involved. Many residents are on fixed incomes or are renting their homes, and are thus disinclined to incur the expense of a municipal hookup (C:146). Although the contaminated Municipal Well No. 35 is on standby status and thus out of the water supply system, private well users continue to be exposed to the contaminants noted above.

As a result of the risks posed by the ongoing releases into the area groundwater of the substances noted above, containment and/or removal actions under the Agency's authority as granted by CERCLA and SARA are under consideration in order to protect human health and the environment from future releases of hazardous substances. Accordingly, U.S. EPA Region V has requested that a Potentially Responsible Party search be conducted in order to identify those responsible for the contamination, so that the Federal government can recover costs incurred during any cleanup activities.

2.2 PROJECT APPROACH

Most of the effort under this PRP search work assignment was performed by a Jacobs subcontractor, DPRA. The objective of the PRP search was to identify all Potentially Responsible Parties relating to the groundwater contamination found at the S.E. Rockford site. Federal, State, County and Local files were examined, where available. Persons having knowledge of the site were interviewed. The following is an itemized list of the tasks completed during this preliminary phase of the PRP search. Other tasks, as specified in the Work Plan, will be required for successful completion of the search. Tasks completed to date are as follows:

- (1) An informal (i.e., PRPs were not contacted directly) onsite industrial survey of the area was conducted, and used to develop an inventory of

businesses, industries, and facilities that may currently store or use, or may have stored or used the following compounds:

- 1,1 Dichlorethane: Solvent, used to produce 1,1,1 Trichloroethane.
 - Trichloroethene (Trichloroethylene): Primary Use -- metal cleaning solvent, also, dry cleaning, vapor degreasing.
 - Trans 1,2-Dichloroethene (Trans 1,2 Dichloroethylene): Produced as a by-product in chlorination of chlorinated compounds and recycled as an intermediate for the synthesis of more useful chlorinated ethylenes.
 - Aroclor: Insulator for Transformers and Capacitors; PCB (Polychlorinated Biphenyl) and Aroclor are trade names of Monsanto Co., U.S.
 - Tetrachloroethene (Tetrachloroethylene): Used for metal degreasing, dry cleaning, textile processing. Trade Names: Ankilostin, Didakene, Nema, Perclene, Tetracap, Tetropil.
 - Chromium: Alloying element, corrosion resistant coatings.
 - Lead: Storage batteries, pigments, solders, plumbing, cable covering, bearings, caulking.
- (2) Mailing addresses of all identified PRPs were obtained through the onsite industrial survey as well as use of EPA's Hazardous Waste Data Management System (HWDMS). Mailing addresses were computerized using the generic database provided by the U.S. EPA. The menu driven system of the program was fully utilized. Six mailing address labels for each PRP are included with the present report.

- (3) For purposes of the PRP Database, the site was named S.E. Rockford; to access the file, use the eight-letter code of SEROCKFO, and the password of JACOBS.

3.0 PRELIMINARY INVESTIGATIONS

3.1 FIELD INVESTIGATION

During the week of April 13, 1987, contractor personnel traveled to Illinois to investigate State of Illinois, County of Winnebago and City of Rockford records regarding the S.E. Rockford site. Research conducted previous to this included a review of U.S. EPA Region V files.

The City of Rockford municipal offices did not have files on the S.E. Rockford site. The only efforts undertaken by the City consisted of sampling public wells for contamination. (The City does not sample private wells, which dominate the S.E. Rockford area.) Efforts to contact John Crooks at the City Water Department, 1111 Cedar, who was responsible for the sampling, were unsuccessful.

James Anderson of the Winnebago County Department of Health, 401 Division, Rockford, Illinois was contacted for information concerning the site. The Department of Health did not have a file on S.E. Rockford and Anderson was not aware that the area was considered a hazardous waste site.

The Illinois EPA originally identified the S.E. Rockford site and have conducted considerable research into the site. DPRA personnel contacted and interviewed Robert Wengrow at the North Central branch of the Illinois EPA located in Rockford (815) 987-7404. Efforts to review Illinois EPA site files in both Rockford and Springfield were unsuccessful because the Agency requires several weeks to honor FOIA requests. DPRA personnel have been awaiting the opportunity to review Illinois EPA site files since making a formal request through U.S. EPA Region V offices on April 28, 1987.

Efforts were also made to conduct an industrial survey of the S.E. Rockford site area. An inventory of businesses, industries and other facilities which may use or store chemical compounds found in the groundwater was developed.

3.2 HAZARDOUS WASTE DATA MANAGEMENT SYSTEM (HWDMS)

In order to identify as many Potentially Responsible Parties as feasible under this project's time and resource constraints, the U.S. EPA's Hazardous Waste Data Management System (HWDMS) was utilized. That database system contains information on all individuals and facilities that have notified the Agency that they generate, transport, treat, store or dispose of hazardous waste. While inclusion in HWDMS requires self-reporting by members of the regulated community, experience has shown that a large majority of those who actually manage hazardous waste are in the system. Indeed, it is likely that many of the PRPs identified in Section 4.3 through the use of HWDMS are in the system due to "protective filing," and may not in fact handle material defined as hazardous waste under Part 261 of the RCRA regulations.

SECTION 4: POTENTIALLY RESPONSIBLE PARTIES

The Potentially Responsible Parties identified in this section are included on the basis of having been observed within the S.E. Rockford site boundaries during the onsite industrial survey, and/or having notified U.S. EPA of hazardous waste activities and thus having been entered into HWDMS. Of the twenty-seven facilities identified during the industrial survey, thirteen are also in HWDMS. Of those one hundred forty-eight PRPs, the IEPA office in Rockford has specifically identified five for which anecdotal, or in some cases more substantial, evidence exists regarding waste management practices that may have contributed to the S.E. Rockford groundwater pollution. The PRPs are identified in the sections that follow.

4.1 PRP COMPANIES IDENTIFIED BY ROCKFORD IEPA OFFICE

During the PRP search, Robert Wengrow of the IEPA office in Rockford was contacted to determine if local or regional agencies had identified specific Potentially Responsible Parties for which actual evidence exists of contribution to the groundwater problems at the S.E. Rockford site. His office has in fact targeted several PRPs already identified by the investigation for further examination, based at this time primarily on anecdotal evidence. These companies (with Reference Numbers keyed to the tables in Sections 4.2 and 4.3) are noted below:

- (1) Sundstrand Corporation. Sundstrand Corp. has several facilities in the vicinity of the S.E. Rockford site (Ref. Nos. 108, 109, 110, 111, 112, 113), and in the past has had problems with uncontrolled releases. They are currently involved in remedial actions to resolve these problems. As aircraft parts manufacturers, they use the types of solvents identified on the groundwater samples.

- (2) Gordon Bartels Co.(Ref. 9). This paint products manufacturer has also been mentioned as a possible source of volatile organic compound contamination.
- (3) Rockford Chemical Coatings, Inc. (Ref. 87). This plant is located at Harrison Ave. and Eleventh St., near the point of heaviest groundwater contamination at the S.E. Rockford site. It has been closed for nearly two years, and also has been mentioned locally as a possible source of the contamination.
- (4) Borg-Warner Corp. (Ref. 14). The Borg-Warner facility at 2020 Harrison contains leaking underground storage tanks that hold oil and probably solvents as well. The leaking tanks were discovered following closure at the facility.
- (5) Alloy Plating Corp. (Ref. 3). Although it is outside the S.E. Rockford site boundaries, this facility is considered a PRP because its operators apparently disposed of electroplating wastes in a dry well onsite.

4.2 PRP COMPANIES IDENTIFIED THROUGH ONSITE INDUSTRIAL SURVEY

The onsite industrial survey described previously resulted in the identification of twenty-seven industrial facilities located within the approximate boundaries of the S.E. Rockford site. These facilities are identified in Table 4-1, which also includes mailing addresses, telephone numbers, contacts and business lines, where available. Facilities for which information was confirmed through HWDMS are presented with their EPA Facility ID numbers, along with the PRP Reference Number assigned to it for this project. Facilities not included in HWDMS have only their Reference Numbers (IS1 - IS14). These Reference Numbers are keyed to the PRP facility locations plotted on Figure 4-1.

Table 4-1. PRP Companies identified through onsite industrial survey

Ref.	Facility	Ref.	Facility
IS1	Headco Industries (Bearing HQ Co.) 1919 Harrison Ave. Rockford, IL 61108 (815/398-1125)	23	ILD005162417 Clark J. L. Mfg. Co. 2300 S. 6th Rockford, IL 61125 (815/962-8861)
IS2	Libby Oil & Chemical Co. 1140 Harrison Ave. Rockford, IL 61108 (815/226-1474) • Industrial Inorganic Chemicals, n.e.c.	34	ILD005455266 Dynaburr-Deburring Division 1310 Samuelson Rd. Rockford, IL 61109 (815/397-7800) • Electro-Cad-Zinc & Bake, Mechanical Platers (3M Co. Process); Cad-Zinc Tin-Cad; and All Chromates & Colored Dyes
IS3	Maislin • No Information Available		
IS4	Majestic Tool and Engineering Co., Inc. 2510 20th St. Rockford, IL 61109	38	ILD005212394 Estwing Mfg. Co. 2647 8th Street Rockford, IL 61101 (815) 397-9521 • Hand & Edge Tools Manufacturing
IS5	Merlo's Refinishing (Furniture) Merlo's Furniture 1640 Harrison Ave. Rockford, IL 61108 (815/229-5554) • Refinishing & Custom Made; Repairing & Stripping; All Furniture Hand Stripped; Kitchen Refinishing; Chair Caning; and Production Finishing & Machining	67	ILD001756675 Mid-States Industrial Corp. 2401 11th St. Rockford, IL 61109 (815/962-8841) • Full Line of Industrial Equip.
IS6	Paoli, Stephen Mfg. Corp. 2531 11th Street Rockford, IL 61109 (815/965-0621)	71	ILD005215504 NYLINT Corp. 1800 16th Avenue Rockford, IL 61101 (815/397-2880) • Manufactures Games and Toys
IS7	Patkus Machine Co. 2607 Marshall Rockford, IL 61109 (815/398-7818) • Buy & Sell Used Machinery	92	ILD025803420 Rockford Electric Equip. Co. 2010 Harrison Ave. Rockford, IL 61108 (815/398-4096) • New & Rebuilt 1/4 HP to 150 HP Distributors for: Century, Louis Allis; and Lincoln, Leland Faraday
IS8	Pro-Tool Mfg. & Swabco Mfg. 2630 Marshall Rockford, IL 61109 (815/398-3813)		
IS9	Redin Corp. 1817 18th Avenue Rockford, IL 61109 (815/398-1010)	95	ILD000805895 Rockford Products Corp., Plant 2 612 Harrison Ave. Rockford, IL 61101 (815/397-6000)
IS10	Rockford Spring Co. 1900 Harrison Ave. Rockford, IL 61108 (815/397-2111) • Manufacturers of: Wire Springs • Compression • Extension • Torsion Wire forms all shapes	108	ILD005144662 Sundstrand Corporation Corporate Office 4751 Harrison Ave. Rockford, IL 61125 (815/226-6000) • Aircraft Parts Manufacturing
IS11	Rockwell International, Graphic Systems, Inc. 2524 11th Street Rockford, IL 61109 (815/987-3900)	109	ILD046583993 Sundstrand Corporation Aviation Division 4747 Harrison Ave. Rockford, IL 61125 (815/226-6000)
IS12	RMR Inc., Corporate Office 2106 Harlem Rd. Rockford, IL 61111 (815/654-0206)	110	ILD010219665 Sunstrand Corp., Aviation Operation Plant 1 2421 Eleventh St. Rockford, IL 61109 (815/226-6000) • Aircraft Parts Manufacturing
IS13	Thomas of Rockford 1139 Alton Ave. Rockford, IL (815/398-7800) • Material Handling	111	ILD005144605 Sundstrand Corporation, Aviation Operations 2210 Harrison Ave. Rockford, IL 61101 (815/226-6000) • Aircraft Parts Manufacturing
IS14	Triangle Metals, Inc. 2500 Harrison Ave. Rockford, IL 61108 (815/398-0280)	120	ILD980905731 Suntec Industries Inc. 2210 Harrison Ave. Rockford, IL 61108 (815/226-3700)
9	ILD005171004 Bartels, Gordon Co. 2600 Harrison Rockford, IL (815/398-1010) • Paint and Varnish Manufacturing		

SOURCE: HWDS DATA AND ONSITE INDUSTRIAL SURVEY

R. I. E. (ROCKFORD NORTH)

NOTE: FACILITY LOCATIONS ARE NOT VERIFIED

810 000 FEET

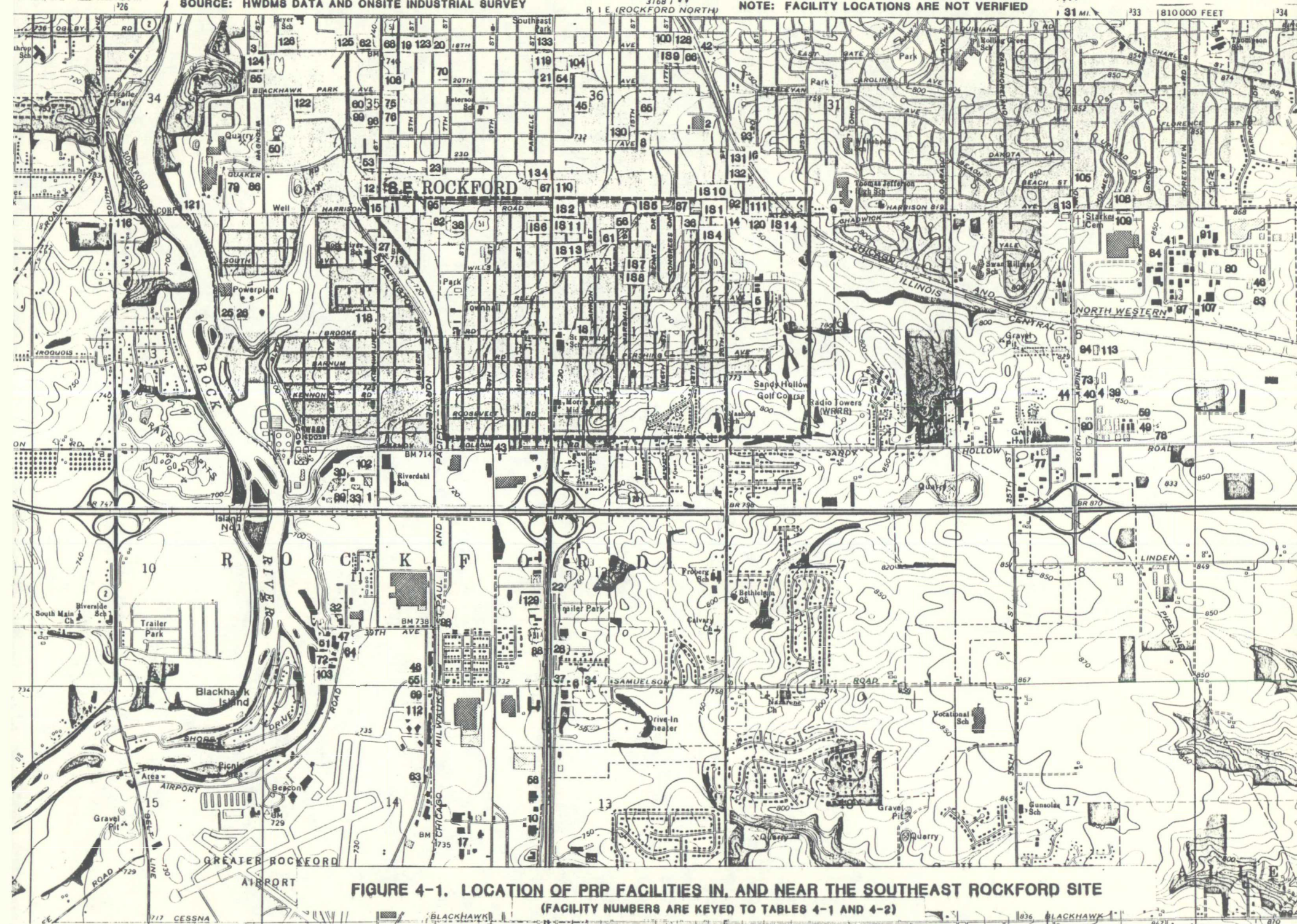


FIGURE 4-1. LOCATION OF PRP FACILITIES IN, AND NEAR THE SOUTHEAST ROCKFORD SITE

(FACILITY NUMBERS ARE KEYED TO TABLES 4-1 AND 4-2)

4.3 PRP COMPANIES IDENTIFIED THROUGH HWDMS

As noted previously, we utilized the Agency's Hazardous Waste Data Management System to identify hazardous waste generators, transporters, treaters, storers and disposers in the vicinity of the S.E. Rockford site. Facilities with Rockford zip codes (61101-61199) were first screened to eliminate those obviously not near the site; the remainder were plotted on a city map. The locations of those facilities situated within approximately two miles of the boundaries of the S.E. Rockford site were then indicated by posting their Reference Numbers on the Rockford South Topo Quad, as shown in Figure 4-1. It should be noted that these locations are approximate, due to lack of onsite verification.

A list of the PRP companies derived from HWDMS is presented in Table 4-2. The PRPs are arranged alphabetically, by company name, in ascending Reference Number order. More detailed information regarding these facilities can be found in Appendix B of this report. In addition, Appendix E (under separate cover) includes mailing labels for all the PRP companies identified by this investigation as well as the microcomputer diskettes used to generate the labels.

Table 4-2. PRP Companies identified through HWDMS

Ref.	Facility	Ref.	Facility
1	ILD116043811 A-1 Lapping & Machine Co. Inc. 539 Grable St.	19	ILD056635568 Camcar-Textron Inc. LDR Products Div. 412 18th Ave.
2	ILD053219259 ACME Solvent Reclaiming Inc. 1915 20th Ave.	20	ILD001787118 Camcar-Textron Inc. Raycarl Products Div. 600 18th Ave.
3	ILD990783995 Alloy Plating Corp. 1706-10 Magnolia St.	21	ILD005072814 Carter Mfg. Co. 1916 11th St.
4	ILD010220812 Alpine Body Shop Inc. 4804 Hydraulic Rd.	22	ILD074590324 Case Power & Equipment 3737 11th St.
5	ILD059482513 American Shaft Co. 2812 22nd St.	23	ILD005162417 Clark J. L. Manufacutring Co. 2300 6th St.
6	ILD005119359 Anderson Bros. Mfg. Co. 1303 Samuelson Rd.	24	ILD064019607 Commercial Wire & Display Products Corp. 1827 Broadway
7	ILD070162896 Auto Rehabilitation Center Inc. 3458 35th St.	25	ILD981091366 Commonwealth Edison Co. Rock River Div. Hq. 123 Energy Ave. Rock River
8	ILD005163514 Barnes John S. Corp. 2222 15th St.	26	ILD042847681 Commonwealth Edison Co. Sabrooke Peaker 123 Energy Ave.
9	ILD005171004 Bartels Gordon Co. Inc. 2600 Harrison Ave.	27	ILD106918766 Counselor Corp. 2607 Kishwaukee St.
10	ILD025788548 Be-Mac Transport Co. Inc. 1125 Milford Ave.	28	ILD064009921 Cummins MID States Power Inc. 4117 11th St.
11	ILD006935571 Behr Precious Metals Inc. 1100 Seminary St.	29	ILD000665570 Daly Drum Service Inc. 413 So. Central Ave.
12	ILD064017452 Berol Corp. Berol USA Div. 2415 Kishwaukee St.	30	ILD010242899 Davco Automotive Products Inc. 3631 Mansfield St.
13	ILD981099989 Big B Cleaners No. 39 2410 So. Alpine	31	ILD070160544 Davigs Custom Cleaners 1730 So. Alpine
14	ILD001795699 Borg-Warner Corp. 2020 Harrison Ave.	32	ILD049826787 Delta Power Hydraulic Co. 4700 Boeing Dr.
15	ILD005163027 Bourn & Koch Machine Tool. Co. 2500 Kishwaukee St.	33	ILD106926207 Diesel Power Inc. 614 Grable St.
16	ILD980617443 Bouziane Plating & Metal Finishing 2230 23rd Ave.	34	ILD005455266 Dyna-Burr Corp. 1310 Samuelson Rd.
17	ILD064005937 Briggs Transportation Co. 5155 So. 8th St.	35	ILD092546837 East Gateway Cleaners 3840 Broadway
18	ILD074583816 Brooke Rd. Cleaners 1304 Brooke Rd.	36	ILD025792433 East Rockford Body Shop Inc. 2602 17th St.

Ref.	Facility	Ref.	Facility
37	ILD005129945 Elco Industries Inc. 1111 Samuelson	55	ILD981100464 Keystone Consolidated Ind. Plasticrafters 4550 Kishwaukee St.
38	ILD005212394 Estwing Mfg. Co. 2647 Eighth St.	56	ILD005171079 Kinroth Mfg. Inc. 2630 Marshall St.
39	ILD059483263 Feldmann Inc. 4902 Hydraulic Dr.	57	ILD025797259 Kirchers Cleaners 2611 Broadway
40	ILD062414032 Forest City Auto Electric 4769 Hydraulic Rd.	58	ILD082048364 Lyons & Sons Sanitary Service 5212 Eleventh St.
41	ILD064011018 Forest City Machine Works Inc. 5107 26th Ave.	59	ILD061023818 Maaco Auto Painting & Bodywork Inc. 3445 Pyramid Dr.
42	ILD050559780 Fredrickson Inc. Burma Co. 1818 18th Ave.	60	ILD005068184 Mattison Machine Works Inc. 545 Blackhawk Park Ave.
43	ILD007432529 Gates Rubber Co. The 999 Sandy Hollow Rd.	61	ILD074583402 McKesson Chemical Co. 2639 Sewll St.
44	ILD042528489 General Forging Die 4635 Hydraulic Rd.	62	ILD058588302 Means Services Inc. 215 18th Ave.
45	ILD005162912 Greenlee Bros. & Co. 2136 12th St.	63	ILD005216940 Mechanical Tool & Engraving Co. 4701 Kishwaukee St.
46	ILD059481044 Hampton Products Co. Inc. 2995 Eastrock Dr.	64	ILD005071311 Metal Cutting Tool Inc. 21 Airport Dr.
47	ILD981784895 Hartzog Aviation Inc. 42 Airport Dr.	65	ILD005170501 Micro Screw Machine Co. Inc. 2115 15th St.
48	ILD085220879 Honeywell Motor Products 4301 Kishwaukee St.	66	ILD981801889 Mid States Screw Corp. 1817 18th Ave.
49	ILD980683999 Independent Freightway Inc. 3482 Pyramid Dr.	67	ILD001756675 Mid-States Ind. Corp. 2401 11th St.
50	ILT180011975 Interstate Pollution Control Inc. Magnolia & Peoples Ave.	68	ILD005176912 Modern Suspension Systems 333 18th Ave.
51	ILT180012577 Interstate Pollution Control Inc. 4430 Boeing Dr.	69	ILD047032750 National Metalcrafters 4500 Kishwaukee St.
52	ILD005170451 Jefco Inc. 1800 Broadway	70	ILD050571876 Nat'l. Lock Hardware/National Metalcrafters 1902 7th St.
53	ILD005247762 Kelsey Hayes Co. Gunitite Div. 302 Peoples Ave.	71	ILD005215504 Nylint Corp. 1800 16th Ave.
54	ILD106930761 Keystone Consolidated Ind. Plasticrafters 1202 20th Ave.	72	ILD000804435 Pacific Scientific Motor & Control Div. 4801 Boeing Dr.

Ref.	Facility	Ref.	Facility
73	ILD049826811 Painted Parts Inc. 4853 Hydraulic Rd.	91	ILD039616107 Rockford Dynatorq Inc. 5173 26th Ave.
74	ILD025801416 Paris Auto Shop Inc. 1231 So. Main St.	92	ILD025803420 Rockford Electric Equipment Co. 2010 Harrison Ave.
75	ILD000665687 Pigskin Blue Co. 2009 Kishwaukee St.	93	ILD005171574 Rockford Hardware Manufacturing Co. 2229 23rd Ave.
76	ILD000665679 Pigskin Marketing Systems Inc. 2009 Kishwaukee St.	94	ILD041545203 Rockford Headed Products Inc. 4814 American Rd.
77	ILD981776545 Precision Automotive Diesel 3470 Merchandise Dr.	95	ILD000805895 Rockford Products Corp. Plant 2 612 Harrison Ave.
78	ILD980824841 Publishers Equipment Corp. 5725 Sandyhollow Rd.	96	ILD025803495 Rockford Quality Pak Inc. 2009 Kishwaukee St.
79	ILD005468723 Quaker Oats Co. 200 Quaker Rd.	97	ILD005071899 Rockford Servo Corp. Gen Web Dynamics Div. 4960 28th Ave.
80	ILD981191083 Rapid Granulator Inc. 5217 28th Ave.	98	ILD980999833 Rockford Wire Technologies Corp. 840 39th Ave.
81	ILD091775080 Reg Ellen Machine Tool Corp. 520 15th Ave.	99	ILD005113063 Rogers Brothers Co. Inc. 2007 Kishwaukee St.
82	ILD005212097 Rexnord Inc. Rockford Prod. Corp. Plant 3 707 Harrison Ave.	100	ILD980896781 Salvation Army A R C 1706 18th Ave.
83	ILD089064729 Rock River Fastener Corp. 3035 Eastrock Dr.	101	ILD005252275 Sandray Precision Grinding Inc. 502 Buckbee St.
84	ILD005073028 Rockford Automation Inc. 3381 Forestview Rd.	102	ILD000182451 Sanitary District of Rockford 3333 Kishwaukee St.
85	ILD981792104 Rockford Board of Education 2000 Christina St.	103	ILD050573971 Schneck Aviation Inc. 60 Airport Dr.
86	ILD046100939 Rockford Can Co. Inc. 208 Quaker Rd.	104	ILD981002629 Sharon Screw Products Inc. 1928 12th St.
87	ILD005469424 Rockford Chemical Coatings Inc. 1620 Harrison Ave.	105	ILD062411749 Sherwin-Williams Co. The 2422 So. Alpine
88	ILD021429675 Rockford Diesel Injection Service 4225 Eleventh St.	106	ILD005101118 Slick Electro Inc. 530 Blackhawk Park Ave.
89	ILD092539832 Rockford Disposal Service Inc. 578 Grable St.	107	ILD005251699 Stieg Grinding Corp. 5015 28th Ave.
90	ILD058585274 Rockford Drill Head Inc. 3445 Lonergan Dr.	108	ILD005144662 Sunstrand Corp. 4751 Harrison Ave.

Ref.	Facility	Ref.	Facility
109	ILD046583993 Sunstrand Corp. Aviation Div. 4747 Harrison Ave.	126	ILD981197247 Ty Precision Automatics Inc. 1715 Seminary St.
110	ILD010219665 Sunstrand Corp. Aviation Operation Plant 1 2421 Eleventh St.	127	ILD001980135 Valspar Corp. The Rockote Paint 200 Sayre St.
111	ILD005144605 Sunstrand Corp. Aviation Operations 2210 Harrison Ave.	128	ILD025807272 Viking Chemical Co. 1827 18th Ave.
112	ILD980898514 Sunstrand Corp. Aviation Operations 4450 Kishwaukee St.	129	ILD001756808 Waddell White Truck Sales 3814 11th St.
113	ILD980998553 Sunstrand Corp. Aviations Rep. Center 4950 American Rd.	130	ILD005170485 Wales Beech Corp. 2240 15th St.
114	ILD000674259 Sunoco Service Station 1610 So. Alpine	131	ILD000671107 Weyerhaeuser Co. Rockford Ship Cont. Plant 2100 23rd Ave.
115	ILD000674275 Sunoco Service Station 1303 So. Main St.	132	ILD049993314 Weyerhaeuser Co. Rockford Ship Cont. Plant 2100 23rd Ave.
116	ILD000674283 Sunoco Service Station 2533 So. Main St.	133	ILD025807777 White Bear Cleaners Inc. 1818 11th St.
117	ILD050563261 Sunoco Service Station 1601 Broadway	134	ILD046051389 11th Street Body Shop 2400 11th St.
118	ILD074584038 Sunoco Service Station 2852 Kishwaukee		
119	ILD082044850 Sunoco Service Station 1902 11th St.		
120	ILD980905731 Suntec Industries Inc. 2210 Harrison Ave.		
121	ILD068000330 Surface Improvement 3 Harrison Ave.		
122	ILD981955008 Testor Corp. 440 Blackhawk Park Ave.		
123	ILT180010084 Textron Inc. Camcar Div. Plant 4 510 185h Ave.		
124	ILD051080901 Textron Inc. Camcar Div. Sems 1818 Christina St.		
125	ILD000781229 Textron Inc. Camcar Div. Special Products 222 18th Ave.		

1/ Source: Hazardous Waste Data Management System Version 6.5 (HWDMS). Proximity to contaminated area determined by plotting locations of facilities with Rockford, Illinois Zip Codes. "Ref." number is keyed to map in Figure 4-1.

SECTION 5: CONCLUSIONS AND RECOMMENDATIONS

The present Potentially Responsible Party search has identified a substantial number of PRP companies with respect to the S.E. Rockford site. The next logical step in the investigation is to establish relationships between those facilities and the extensive groundwater contamination that has already been found by IEPA, IDPH and U.S. EPA/FIT technical investigations.

U.S. EPA Region V can further the investigation by contacting the PRP companies identified in this report in order to establish whether in fact their operating practices included the use of the substances that have been detected in the S.E. Rockford groundwater.

The U.S. EPA technical contractors can contribute by characterizing the flow of groundwater in the S.E. Rockford area to help localize the actual geological source of the contamination, if possible.

The Illinois EPA can further the investigation by making available to U.S. EPA its files on the S.E. Rockford case.

The present PRP search contractor can, as relevant information becomes available, complete the remaining tasks outlined in the original Work Plan, to ensure that all PRPs have been identified and characterized.